



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

*Name of Work: Estimate for Improvements and
Asphalting to Balance Roads at Doddabommasandra area
in Ward No. 10 (Doddabommasandra), Vidyaranyapura
Sub Division.*

Job Code:

Estimated Cost: Rs: 25.00 Lakhs

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None of the work: Estimate for Improvements and Asphaltting to Balance Roads at Doddabommasandra area in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

		Estimate Cost:						2500000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 143 / Item No. 19.1, PWD SR 2018-19	Cum							
	For Drain Desilting								
	Subbanna Layout St. Philomina School opp Road		2	150.00	0.45	0.30	40.50		
	1st Cross		2	70.00	0.45	0.30	18.90		
	2nd Cross		2	60.00	0.45	0.30	16.20		
			2	100.00	0.45	0.30	27.00		
	Vemanna Layout 1st Main		2	150.00	0.45	0.30	40.50		
	Vemanna Layout 2nd Main		2	150.00	0.45	0.30	40.50		
	Berm Cutting								
	Subbanna Layout St. Philomina School opp Road		2	150.00	0.65	0.15	29.25		
	1st Cross		2	70.00	0.65	0.15	13.65		
	2nd Cross		2	60.00	0.60	0.15	10.80		
			2	100.00	0.60	0.15	18.00		
	Vemanna Layout 1st Main		2	150.00	0.60	0.15	27.00		
	Vemanna Layout 2nd Main		2	150.00	0.60	0.15	27.00		
							309.30	243.88	75432.00
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Sub Total	137.80							
	Add loading and unloading Charges It No 17.1 KSRRB M 100-1	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
	Total	243.88							
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) Page No. 27 / Item No. 5.33 PWD SR 2018-19	Sqm							
	Subbanna Layout St. Philomina School opp Road		2	150.00		0.90	270.00		
	1st Cross		2	70.00		0.90	126.00		
	2nd Cross		2	60.00		0.90	108.00		
			2	100.00		0.90	180.00		
	Vemanna Layout 1st Main		2	150.00		0.90	270.00		
	Vemanna Layout 2nd Main		2	150.00		0.90	270.00		
	Total Qty						1224.00		
	Consider 50% of the Total Qty						612.00	111.30	68116.00
	Basic Rate	105.00							
	Area Weightage @ 6%	6.30							
	Total	111.30							
3	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3 Page No. 146 / Item No. 19.55 PWD SR 2018-19	Sqm							
	Subbanna Layout St. Philomina School opp Road		1	150.00	5.00		750.00		
	1st Cross		1	70.00	5.00		350.00		
	2nd Cross		1	60.00	5.00		300.00		
			1	100.00	5.00		500.00		
	Vemanna Layout 1st Main		1	150.00	5.00		750.00		
	Vemanna Layout 2nd Main		1	150.00	5.00		750.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total Qty						3400.00		
	Consider 30% of the Total Qty						1020.00	95.40	97308.00
	Basic Rate	90.00							
	Area Weightage @ 6%	5.40							
	Total	95.40							
4	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155 / Item No. 20.18, PWD SR 2018-19	Cum							
	Subbanna Layout St. Philomina School opp Road		1	150.00	5.00	0.23	172.50		
	1st Cross		1	70.00	5.00	0.23	80.50		
	2nd Cross		1	60.00	5.00	0.23	69.00		
			1	100.00	5.00	0.23	115.00		
	Vemanna Layout 1st Main		1	150.00	5.00	0.23	172.50		
	Vemanna Layout 2nd Main		1	150.00	5.00	0.23	172.50		
	Total Qty						782.00		
	Consider 30% of the Total Qty						234.60	2001.28	469500.00
	Basic Rate	1888.00							
	Area Weightage @ 6%	113.28							
	Total	2001.28							
5	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 158 / Item No. 21.6, PWD SR 2018-19	Sqm							
	Subbanna Layout St. Philomina School opp Road		1	150.00	5.00		750.00		
	1st Cross		1	70.00	5.00		350.00		
	2nd Cross		1	60.00	5.00		300.00		
			1	100.00	5.00		500.00		
	Vemanna Layout 1st Main		1	150.00	5.00		750.00		
	Vemanna Layout 2nd Main		1	150.00	5.00		750.00		
	Total Qty						3400.00		
	Consider 30% of the Total Qty						1020.00	29.68	30274.00
	Basic Rate	28.00							
	Area Weightage @ 6%	1.68							
	Total	29.68							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
6	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen Page No. 159 / Item No. 21.11.6, PWD SR 2018-19	Cum							
	Subbanna Layout St. Philomina School opp Road		1	150.00	5.00	0.05	37.50		
	1st Cross		1	70.00	5.00	0.05	17.50		
	2nd Cross		1	60.00	5.00	0.05	15.00		
			1	100.00	5.00	0.05	25.00		
	Vemanna Layout 1st Main		1	150.00	5.00	0.05	37.50		
	Vemanna Layout 2nd Main		1	150.00	5.00	0.05	37.50		
	Total Qty						170.00		
	Consider 30% of the Total Qty						51.00	5551.22	283112.00
	Basic Rate	5237.00							
	Area Weightage @ 6%	314.22							
	Total	5551.22							
7	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No. 158 / Item No. 21.2, PWD SR 2018-19	Sqm							
	Subbanna Layout St. Philomina School opp Road		1	150.00	5.00		750.00		
	1st Cross		1	70.00	5.00		350.00		
	2nd Cross		1	60.00	5.00		300.00		
			1	100.00	5.00		500.00		
	Vemanna Layout 1st Main		1	150.00	5.00		750.00		
	Vemanna Layout 2nd Main		1	150.00	5.00		750.00		
			1	42.00	5.00		210.00		
	Total Qty						3610.00	5.30	19133.00
	Basic Rate	5.00							
	Area Weightage @ 6%	0.30							
	Total	5.30							
8	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 158 / Item No. 21.7 PWD SR 2018-19	Sqm							
			Qty Vide Item No. 7				3610.00		
	asper Revised Basic Rate	12.00					3610.00	12.72	45919.00
	Area Weightage @ 6%	0.72							
	Total	12.72							

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

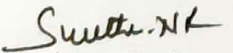
Lead Statement for Srinivasapura Dumping Yard for Ward No. 10,
Vidyaranyapura Sub Division.

Lead Distance:

1. From BBMP Sub Division office to Devi Circle	1.50 Kms
2. From Devi Circle to Thirumala Daba	2.00 Kms
3. From Thirumala Daba to 3 rd Cross SBI Bank	2.00 Kms
4. From 3 rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5. From Sheshadripuram College to Police Station	0.80 Kms
6. From Police Station to Kogilu Cross	0.60 Kms
7. From Kogilu Cross to Srinivasapura	4.00 Kms
8. From Srinivasapura to Dumping Yard	<u>0.50 Kms</u>
Total	11.90 Kms

Certificate:

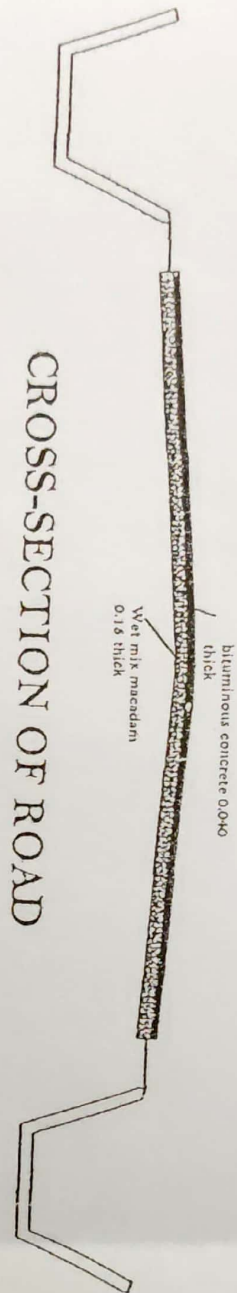
1. Certified that the Srinivasapura Dumping Yard is the approved dumping yard for ward no. 11 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 10.
3. The above distance is the shortest distance for calculating the lead.


Assistant Engineer
Ward No. 10


Assistant Executive Engineer
Vidyaranyapura Sub Division

A hand-drawn site plan of a residential layout. The plan shows a grid of streets and plots. The streets are labeled with their names and widths, such as "W0247-1st Main", "W0245", "W0255", "W0261-1st Crs", "W0267-1st Crs", "W0270", "W0271", "W0272", "W0273", "W0274", "W0275", "W0276", "W0277", "W0278", "W0279", "W0280", "W0281", "W0282", "W0283", "W0284", "W0285", "W0286", "W0287", "W0288", "W0289", "W0290", "W0291", "W0292", "W0293", "W0294", "W0295", "W0296", "W0297", "W0298", "W0299", "W0300", "W0301", "W0302", "W0303", "W0304", "W0305", "W0306", "W0307", "W0308", "W0309", "W0310", "W0311", "W0312", "W0313", "W0314", "W0315", "W0316", "W0317", "W0318", "W0319", "W0320", "W0321", "W0322", "W0323", "W0324", "W0325", "W0326", "W0327", "W0328", "W0329", "W0330", "W0331", "W0332", "W0333", "W0334", "W0335", "W0336", "W0337", "W0338", "W0339", "W0340", "W0341", "W0342", "W0343", "W0344", "W0345", "W0346", "W0347", "W0348", "W0349", "W0350", "W0351", "W0352", "W0353", "W0354", "W0355", "W0356", "W0357", "W0358", "W0359", "W0360", "W0361", "W0362", "W0363", "W0364", "W0365", "W0366", "W0367", "W0368", "W0369", "W0370", "W0371", "W0372", "W0373", "W0374", "W0375", "W0376", "W0377", "W0378", "W0379", "W0380", "W0381", "W0382", "W0383", "W0384", "W0385", "W0386", "W0387", "W0388", "W0389", "W0390", "W0391", "W0392", "W0393", "W0394", "W0395", "W0396", "W0397", "W0398", "W0399", "W0400". The plots are labeled with their names and widths, such as "RANAPPA DASAPPA LAYOUT", "MONESHWARA LAYOUT", and "VIMANNA LAYOUT". The plan also shows various dimensions and measurements, such as "150.00m", "100.00m", "60.00m", "70.00m", "150.00m", "100.00m", "60.00m", "70.00m".

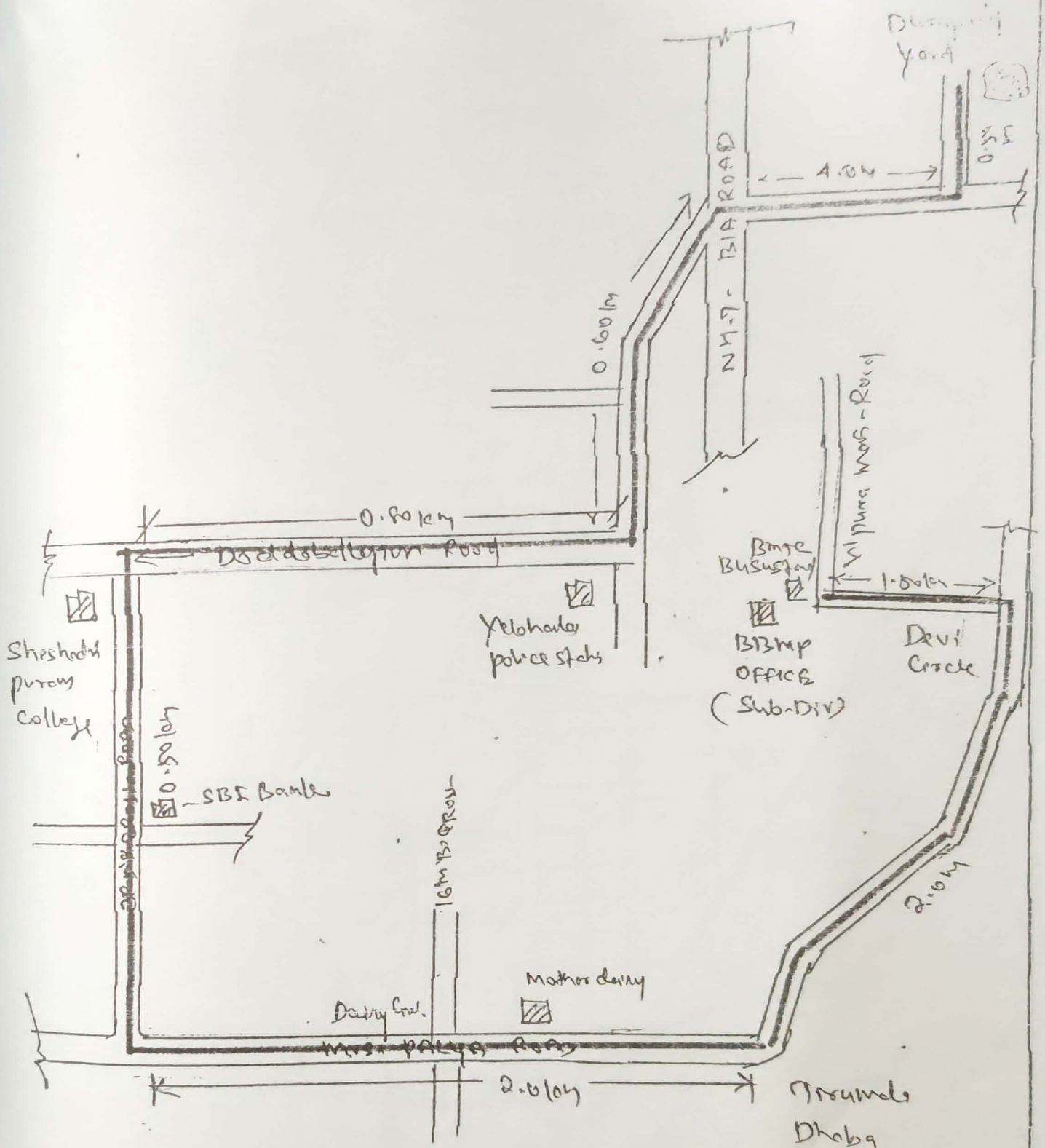
Assistant Executive Engineer
Vidyanarayapura Sub Division



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	Wel mix macadam	Damage Portion Resurface
	bituminous concrete	

LEAD CHART FOR DUMPING YARD FOR WARD NO



[Signature]
 Assistant Executive Engineer
 Vidyananyapura Sub Division
 BBMP, Bangalore - 97

152 - BYATARAYANAPURA AC
WARD NAME : 10 - DODDA BOMMASANDRA

